

Eciss	ATGCAGGATAATAAGATGAAAAAAATGTTATTTTCTGCCGCTCTGGCAATGCTTATTACA	60
102iss	ATGCAGGATAATAAGATGAAAAAAATGTTATTTTCTGCCGCTCTGGCAATGCTTATTACA	60
lambor	ATCGGGAATAACACCATGAAAAAAATGCTACTCGCTACTGCGCTGGCCCTGCTTATTACA	60
Eciss	GGATGTGCTCAACAAACGTTTACTGTTGGAAACAAACCGACAGCAGTAACACCAAAGGAA	120
102iss	GGATGTGCTCAACAAACGTTTACTGTTGGAAACAAACCGACAGCAGTAACACCAAAGGAA	120
lambor	GGATGTGCTCAACAGACGTTTACTGTTCAAACAAACCGGCAGCAGTAGCACCAAAGGAA	120
Eciss	ACCATCACTCATCATTTCTTCGTTTCCCAATTGGAC-AGAGAAAACGTTTGATGCAGCC	179
102iss	ACCATCACTCATCATTTCTTCGTTTCTGGAATTGGACAAGAGAAAACGTTTGATGCAGCC	180
lambor	ACCATCACCCATCATTTCTTCGTTTCTGGAATTGGGCAGAAGAAAACGTGTCGATGCAGCC	180
Eciss	AAAATTTGTTGGCGGTGCAGAAAATGTTGTTAAACAGAACTCAGCAAACATTCGTAAA	239
102iss	AAAATTTG-TGGCGGTGCAGAAAATGTTGTTAAACAGAACTCAGCAAACATTCGTAAA	239
lambor	AAAATTTG-TGGCGGCGCAGAAAATGTTGTTAAACAGAAACCCAGCAAACATTCGTAAA	239
Eciss	TGCATTGCCCGGTTTTATCACTTTTGGCATCTATACTCCGCGGGAACCCGTGTATATTG	299
102iss	TGGATTGCTCGGTTTTATCACTTTTGGCATCTATACTCCGCTGGAAGCCCGGGTATATTG	299
lambor	TGGATTGCTCGGTTTTATTACTTTAGGCATTTATACTCCGCTGGAAGCGCGTGTGTATTG	299
Eciss	CTCACAAATAG	309
102iss	CTCACAAATAG	309
lambor	CTCACAAATAA	309

[illegible]

Iss_Ec	KFVGGAENVVKTETQQTfVNALPGFITFGIYTPRETRVYCSQ	102
	: : :	
102Iss	KICGGAENVVKTETQQTfVNGLLGFITFGIYTPLEARVYCSQ	102
	:	
lamBor	KICGGAENVVKTETQQTfVNGLLGFITLGIYTPLEARVYCSQ	97

FIGURE 3

L E V L F Q G P L G S M Q D N
CTG GAA GTT CTG TTC CAG GGG CCC CTG GGA TCC ATG CAG GAT AAT
PreScission Protease BamHI iss fusion start

K M K K M L F S A A L A M L I
AAG ATG AAA AAA ATG TTA TTT TCT GCC GCT CTG GCA ATG CTT ATT

T G C A Q Q T F T V G N K P T
ACA GGA TGT GCT CAA CAA ACG TTT ACT GTT GGA AAC AAA CCG ACA

A V T P K E T I T H H F F V S
GCA GTA ACA CCA AAG GAA ACC ATC ACT CAT CAT TTC TTC GTT TCG

G I G Q E K T V D A A K I C G
GGA ATT GGA CAA GAG AAA ACT GTT GAT GCA GCC AAA ATT TGT GGC

G A E N V V K T E T Q Q T F V
GGT GCA GAA AAT GTT GTT AAA ACA GAA ACT CAG CAA ACA TTC GTA

N G L L G F I T F G I Y T P L
AAT GGA TTG CTC GGT TTT ATC ACT TTT GGC ATC TAT ACT CCG CTG

E A R V Y C S Q *
GAA GCC CGG GTA TAT TGC TCA CAA TAG TTG CCC ATC GAT ATG GGG

AGC TCA TCT GCG AAT TCC
EcoRI

FIGURE 4

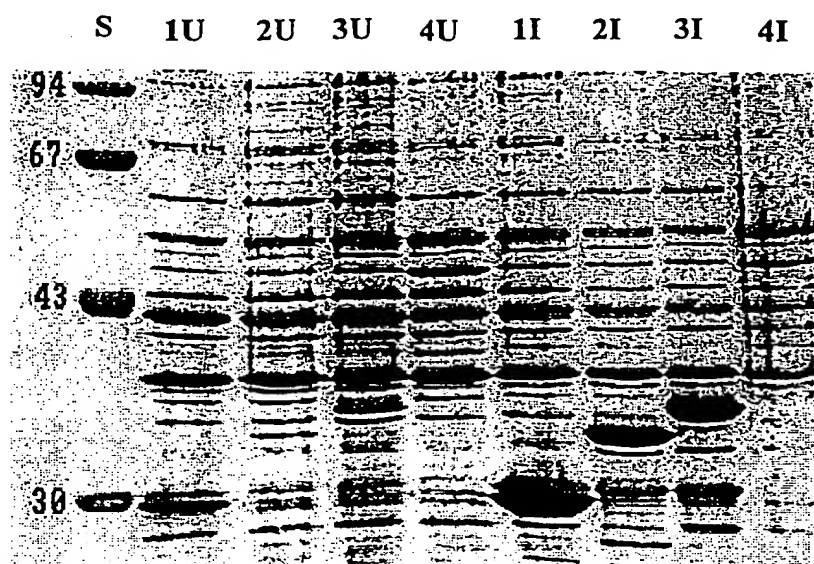
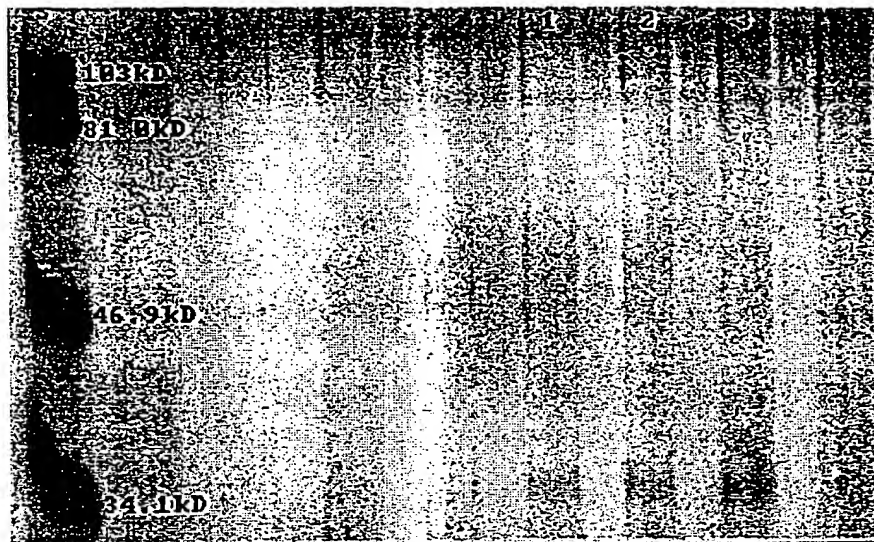


FIGURE 5



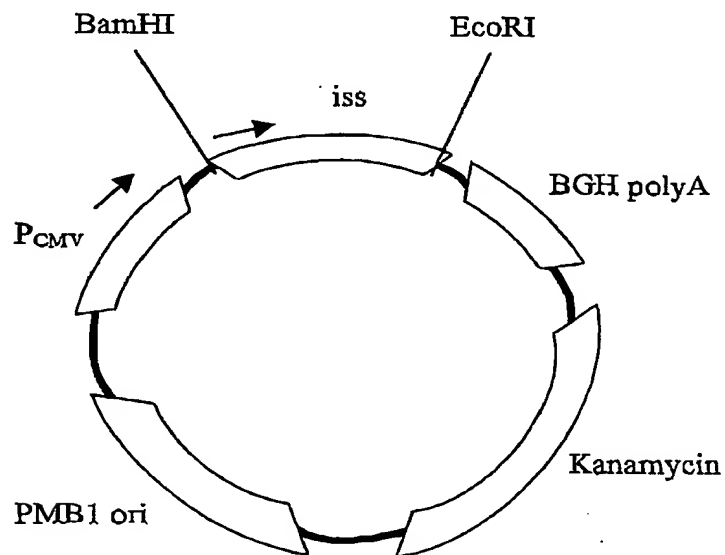


Fig 6